

# STN Columbus

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
 NEWS 2 "Ask CAS" for self-help around the clock  
 NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available  
 NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
 NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
 NEWS 6 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes  
 NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the  
 IPC reform  
 NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
 USPAT2  
 NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDb, and IFICDB  
 NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
 INPADOC  
 NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT  
 NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,  
 CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
 AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
 V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT  
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
 specific topic.

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 of commercial gateways or other similar uses is prohibited and may  
 result in loss of user privileges and other penalties.

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FILE 'HOME' ENTERED AT 23:59:40 ON 19 JAN 2006

=> FILE REG

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.84	0.84

FILE 'REGISTRY' ENTERED AT 00:01:53 ON 20 JAN 2006  
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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2  
DICTIONARY FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now    *
* available and contains the CA role and document type information.  *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

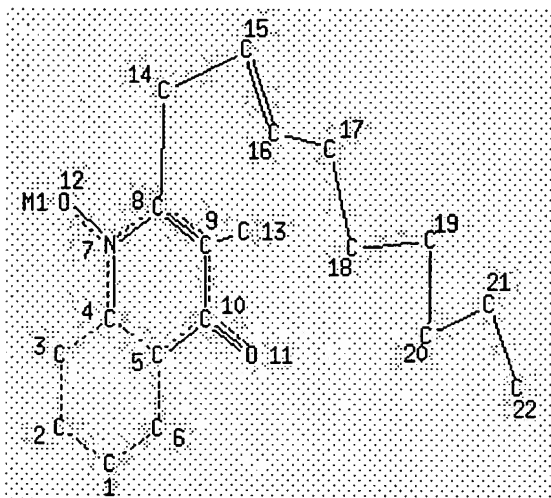
Uploading C:\stnweb\Queries\10-672398.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



NODE ATTRIBUTES:

HCOUNT	IS M1	AT	12
NSPEC	IS R	AT	1

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NSPEC IS R AT 2  
 NSPEC IS R AT 3  
 NSPEC IS R AT 4  
 NSPEC IS R AT 5  
 NSPEC IS R AT 6  
 NSPEC IS R AT 7  
 NSPEC IS R AT 8  
 NSPEC IS R AT 9  
 NSPEC IS R AT 10  
 NSPEC IS C AT 11  
 NSPEC IS C AT 12  
 NSPEC IS C AT 13  
 NSPEC IS C AT 14  
 NSPEC IS C AT 15  
 NSPEC IS C AT 16  
 NSPEC IS C AT 17  
 NSPEC IS C AT 18  
 NSPEC IS C AT 19  
 NSPEC IS C AT 20  
 NSPEC IS C AT 21  
 NSPEC IS C AT 22  
 DEFAULT MLEVEL IS ATOM  
 MLEVEL IS CLASS AT 11 12 13 14 15 16 17 18 19 20 21 22  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

=> s l1  
 SAMPLE SEARCH INITIATED 00:02:06 FILE 'REGISTRY'  
 SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS  
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*  
 PROJECTED ITERATIONS: 2 TO 124  
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full  
 FULL SEARCH INITIATED 00:02:13 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 35 TO ITERATE

100.0% PROCESSED 35 ITERATIONS 5 ANSWERS  
 SEARCH TIME: 00.00.01

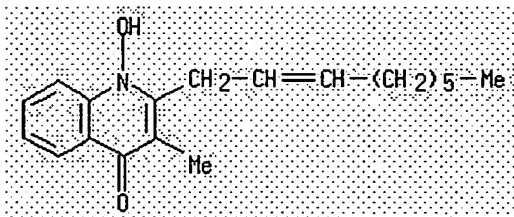
L3 5 SEA SSS FUL L1

=> d tot

L3 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 356761-12-1 REGISTRY  
 ED Entered STN: 14 Sep 2001

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CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2-nonenyl)- (9CI) (CA INDEX  
NAME)  
FS 3D CONCORD  
MF C19 H25 N O2  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT



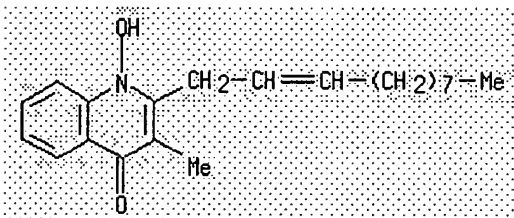
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 355378-90-4 REGISTRY  
ED Entered STN: 10 Sep 2001  
CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2-undecenyl)- (9CI) (CA INDEX  
NAME)

OTHER NAMES:

CN 1-Hydroxy-3-methyl-2-(undec-2-en-1-yl)quinolin-4(1H)-one  
FS 3D CONCORD  
MF C21 H29 N O2  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

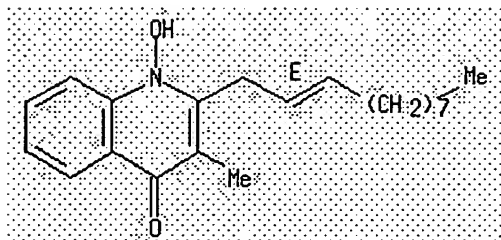
L3 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 355378-87-9 REGISTRY  
ED Entered STN: 10 Sep 2001  
CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2E)-2-undecenyl- (9CI) (CA INDEX  
NAME)

OTHER NAMES:

CN 1-Hydroxy-3-methyl-2-((E)-undec-2-en-1-yl)quinolin-4(1H)-one  
FS STEREOSEARCH  
MF C21 H29 N O2

SR CA  
LC STN Files: CA, CAPLUS

Double bond geometry as shown.

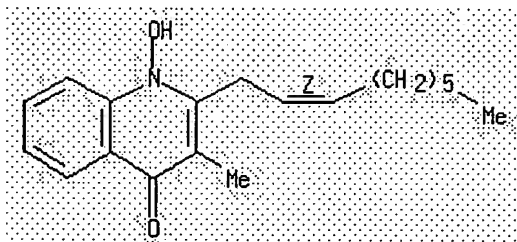


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 355378-85-7 REGISTRY  
ED Entered STN: 10 Sep 2001  
CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2Z)-2-nonenyl- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1-Hydroxy-3-methyl-2-[(Z)-non-2-en-1-yl]quinolin-4(1H)-one  
FS STEREOSEARCH  
MF C19 H25 N O2  
SR CA  
LC STN Files: CA, CAPLUS

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

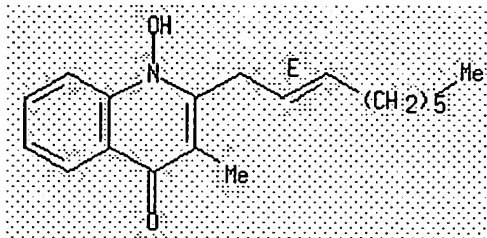
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 162382-62-9 REGISTRY  
ED Entered STN: 21 Apr 1995  
CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2E)-2-nonenyl- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 4(1H)-Quinolinone, 1-hydroxy-3-methyl-2-(2-nonenyl)-, (E)-  
OTHER NAMES:  
CN YL 02729S

STN Columbus

CN YM 30059  
 FS STEREOSEARCH  
 MF C19 H25 N O2  
 SR CA  
 LC STN Files: BIOSIS, CA, CAPLUS, PROUSDDR, TOXCENTER, USPATFULL

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

7 REFERENCES IN FILE CA (1907 TO DATE)  
 7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> sel rn name 1, 4, 5  
 E1 THROUGH E6 ASSIGNED

=> fil hcapl medline uspatf wpids  
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
178.20	179.04

FULL ESTIMATED COST

FILE 'HCAPLUS' ENTERED AT 00:03:28 ON 20 JAN 2006  
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 COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 00:03:28 ON 20 JAN 2006

FILE 'USPATFULL' ENTERED AT 00:03:28 ON 20 JAN 2006  
 CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 00:03:28 ON 20 JAN 2006  
 COPYRIGHT (C) 2006 THE THOMSON CORPORATION

=> s e1-6

L4 16 ("YL 02729S"/BI OR "YM 30059"/BI OR "1-HYDROXY-3-METHYL-2-((Z)-N-ON-2-EN-1-YL)QUINOLIN-4(1H)-ONE"/BI OR 162382-62-9/BI OR 355378-85-7/BI OR 356761-12-1/BI)

=> dup rem l4

PROCESSING COMPLETED FOR L4

L5 13 DUP REM L4 (3 DUPLICATES REMOVED)

=> s polyethylene glycol

L6 309236 POLYETHYLENE GLYCOL

=> s l5 and l6

L7 3 L5 AND L6

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=&gt; d ibib abs tot

L7 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text

ACCESSION NUMBER: 2004:291965 HCAPLUS  
DOCUMENT NUMBER: 140:292670  
TITLE: Drug absorbability improving agents  
INVENTOR(S): Yoshihara, Keiichi; Sako, Kazuhiro  
PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd., Japan  
SOURCE: PCT Int. Appl., 32 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004028567	A1	20040408	WO 2003-JP12237	20030925
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2500218	AA	20040408	CA 2003-2500218	20030925
EP 1543840	A1	20050622	EP 2003-748580	20030925
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
US 2005100607	A1	20050512	US 2003-672398	20030926
PRIORITY APPLN. INFO.:			US 2002-414313P	P 20020926
			WO 2003-JP12237	W 20030925

AB To produce an agent for improving drug adsorption by a mucous layer in the digestive tract, one or more members selected from **polyethylene glycol** and polyoxyethylene-polyoxypropylene copolymer having 17 or more moles of single chain length ethylene oxide added per mol, is used. By applying such an agent to a drug having an activity against Helicobacter pylori, the pharmacol. effect of the drug can be enhanced.

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 3 USPATFULL on STN

Full Text

ACCESSION NUMBER: 2005:203350 USPATFULL  
TITLE: Substituted pyridinones  
INVENTOR(S): Devadas, Balekudru, Chesterfield, MO, UNITED STATES  
Walker, John, Maryland Heights, MO, UNITED STATES  
Selness, Shaun R., Chesterfield, MO, UNITED STATES  
Boehm, Terri L., Ballwin, MO, UNITED STATES  
Durley, Richard C., Chesterfield, MO, UNITED STATES  
Devraj, Rajesh, Chesterfield, MO, UNITED STATES  
Hickory, Brian S., Wildwood, MO, UNITED STATES  
Rucker, Paul V., University City, MO, UNITED STATES  
Jerome, Kevin D., Maryland Heights, MO, UNITED STATES  
Madsen, Heather M., St. Louis, MO, UNITED STATES

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Alvira, Edgardo, Chesterfield, MO, UNITED STATES  
 Promo, Michele A., Maryland Heights, MO, UNITED STATES  
 Blevis-Bal, Radhika M., St. Louis, MO, UNITED STATES  
 Marrufo, Laura D., Ellisville, MO, UNITED STATES  
 Hitchcock, Jeff, St. Peters, MO, UNITED STATES  
 Owen, Thomas, Chesterfield, MO, UNITED STATES  
 Naing, Win, Chesterfield, MO, UNITED STATES  
 Xing, Li, Chesterfield, MO, UNITED STATES  
 Shieh, Huey S., St. Louis, MO, UNITED STATES  
 Sambandam, Aruna, Guiderland, NY, UNITED STATES  
 Liu, Shuang, Schenectady, NY, UNITED STATES  
 Scott, Ian L., Woodinville, WA, UNITED STATES  
 McGee, Kevin F., Niskayuna, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005176775	A1	20050811
APPLICATION INFO.:	US 2004-918826	A1	20040813 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-494959P	20030813 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	David M. Gryte, Harness, Dickey & Pierce, P.L.C., Suite 400, 7700 Bonhomme, St. Louis, MO, 63105, US	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
LINE COUNT:	29381	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are compounds of Formula I ##STR1## and pharmaceutically acceptable salts thereof, wherein R1, R2, R3, R4, and R5 are defined herein. These compounds are useful for treating diseases and conditions caused or exacerbated by unregulated p38 MAP Kinase and/or TNF activity. Pharmaceutical compositions containing the compounds, methods of preparing the compounds and methods of treatment using the compounds are also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 3 USPATFULL on STN

Full Text

ACCESSION NUMBER: 2001:18477 USPATFULL  
 TITLE: Anti-helicobacter pylori pharmaceutical composition  
 INVENTOR(S): Watanabe, Masato, Tokyo, Japan  
 Tanaka, Kouichi, Tokyo, Japan  
 Komiya, Masayuki, Tokyo, Japan  
 Rantiatmodjo, Ratna Murni, Jakarta, Indonesia  
 PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd., Tokyo, Japan  
 (non-U.S. corporation)  
 P. T. Kalbe Farma, Jakarta Timur, Indonesia (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6184230	B1	20010206
	WO 9851306		19981119
APPLICATION INFO.:	US 1999-423924		19991109 (9)
	WO 1998-JP2133		19980514
			19991116 PCT 371 date



	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-127462	19970516
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Reamer, James H.	
LEGAL REPRESENTATIVE:	Sughrue, Mion, Zinn, Macpeak & Seas, PLLC	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
LINE COUNT:	403	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An anti-Helicobacter pylori pharmaceutical composition containing a 1-hydroxy-3-methyl-quinolone derivative represented by the following formula (I) ##STR1##

or a pharmaceutically acceptable salt thereof as an active ingredient.

Since it shows antibacterial action upon Helicobacter pylori, this invention is effective for the treatment or prevention of infection with Helicobacter pylori in human and infection with related bacteria belonging to the genus Helicobacter in animals. Also, the anti-Helicobacter pylori pharmaceutical composition of the present invention is useful for the prevention (including prevention of relapse) or treatment of diseases of the upper digestive organs, such as peptic ulcers (e.g., gastric and duodenal ulcers), inflammations (e.g., acute or chronic gastritis or duodenitis) and gastric cancer, as well as MALT (mucosa-associated lymphoid tissue) lymphoma or chronic heart diseases.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d kwic 3

L7 ANSWER 3 OF 3 USPATFULL on STN

SUMM . . . is disclosed in JP-A-7-189 (the term "JP-A" as used herein means an "unexamined published Japanese patent application") as a substance **YL-02729S**, and its use is particularly antibacterial activity upon methicillin-resistant Staphylococcus aureus. Said patent application does not suggest or report about antibacterial activity of the substance **YL-02729S** upon Helicobacter pylori.

SUMM The inventors of the present invention have carried out extensive studies on the aforementioned substance **YL-02729S** and, as a result, found that it has an excellent anti-Helicobacter pylori activity and also that said substance has high. . .

SUMM . . . it is desirable to employ a method in which a bacterium belonging to the genus Arthrobacter, such as Arthrobacter sp. **YL-02729S** which has been deposited in National Institute of Bioscience and Human Technology under an international deposition No. FERM BP-6326, is. . .

SUMM . . . injection use and physiological saline. Examples of the diluent for use in the non-aqueous solutions and suspensions include propylene glycol, **polyethylene glycol**, plant oil (e.g., olive oil), alcohol (e.g., ethyl alcohol), polysorbate 80 (trade name, polyoxyethylene sorbitan higher fatty acid ester). Such. . .

SUMM . . . is formed into solid dispersion together with a solubilizing agent such as a high polymer (hydroxypropylmethylcellulose (HPMC), polyvinyl pyrrolidone (PVP), **polyethylene glycol** (PEG) or the like water-soluble high polymer or carboxymethylethylcellulose (CMC),

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hydroxypropylmethylcellulose phthalate (HPMCP), methyl  
methacrylate-methacrylic acid copolymer (Eudragit L, S, . . .)

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

32.29

211.33

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.75

-0.75

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 00:07:57 ON 20 JAN 2006